

EMERGENCY SPILLWAY PERFORMANCE REPORT

_____ (Watershed) Prepared by: _____

_____ (Location) Date: _____

1. Name of Watershed: _____

2. Name or Number of Structure: _____

3. Location (latitude and longitude): _____

4. Date Constructed: _____

5. Drainage Area (sq. miles): _____

6. Height of Dam (feet): _____

7. Emergency Spillway Dimensions "as-built": Depth: _____
Width: _____

- a. Plan and profile along spillway CL from entrance to streambed end of exit slope.^{1/}
- b. Cross sections at control section and at selected points.^{1/}
- c. Typical geologic profiles at control section or exit channel from construction.^{1/}
- d. Statement regarding the condition of the spillway before the flood event including the density and type of vegetation.

- e. A copy of the last maintenance and inspection report (attach copy).^{2/} _____
- f. Slides, photographs, newspaper clippings, etc., of pre-storm spillway conditions.^{2/} _____

8. Hydrology

a. Date of Storm Event: _____

b. Rainfall depth and duration based on available rainfall information and computed peak discharge for event.

_____ inches _____ cubic feet per sec.

_____ duration

c. Runoff - If a stream gage is available, USGS "provisional" data should be included.

_____ inches _____ cubic feet per sec.

- d. Observed or reconstructed inflow and outflow hydrographs at the structure, including maximum reservoir stage and duration of emergency spillway flow.^{1/} _____
- e. Physical factors of drainage area related to a weighted "CN" including antecedent moisture and vegetative cover conditions immediately preceding storm event.

"CN" _____
Excellent _____ Good _____ Fair _____ Poor _____ Veg. Cover _____

9. Structural Damage

- a. Description of flood damage in the emergency spillway, including location, depth and severity of erosion, or statement that no appreciable damage occurred.

Location - _____
Depth of Flow - _____
Severity of Erosion - _____
No appreciable damage occurred - _____

- b. Photographs of post-storm conditions in spillway and downstream.^{2/}
- c. Estimate of volume of soil or rock eroded from various sections of spillway.

_____ cu. yds.

- d. An estimate of the cost to repair spillway. _____

10. Recommendations: _____

^{1/} Attach appropriate sheets for engineering data and other lengthy items.

^{2/} Enclose inspection reports, newspaper clippings, illustrations, slides, photographs, etc.